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RESEARCH

Interests	Conservation agriculture · Climate smart agriculture · Cocoa Agroforestry · Fertility Management systems
Areas	Horticulture · Ecology, Evolution, Behavior and Systematics · Forestry · General Agricultural and Biological Sciences · Soil Science · Ecology

RESEARCH SUMMARY

52	1,504	23	33	5.04	70%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 52 publications listed below, 2000–2026. Field-weighted impact is the mean over the 43 works scored for it; 1.00 is the world average for works of the same field, type and year. 30 of the 43 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 49

1. Daniel Hending, Joseph Anokye, Lubasi Limweta, Mohammed Abdul Razak Yombu, Florence Quainoo-Mensah, David Gorleku, Thomas M. Butynski, Yvonne A. de Jong, Magdalena S. Svensson, Phoebe Reid, Ricardo Rocha, **Evans Dawoe**, William Thompson (2026). Chocolate Bushbabies: Cocoa Agroforests as Habitat for Galagos (Galagidae) in the Ashanti Region, Ghana. *Ecology and Evolution*. https://doi.org/10.1002/ece3.74026
2. Phoebe Reid, Joseph Anokye, Lubasi Limweta, Mohammed Abdul Razak Yombu, Florence Quainoo-Mensah, David Gorleku, Nathalie Seddon, **Evans Dawoe**, Ricardo Rocha, William Thompson, Daniel Hending (2026). Vegetation structure modulates insectivorous bat assemblages in West African cocoa agroforests. *Forest Ecology and Management*. https://doi.org/10.1016/j.foreco.2026.124263
3. Joseph Anokye, Akwasi Adutwum Abunyewa, Uffe Jørgensen, James Seutra Kaba, Kwame Twum-Ampofo, **Evans Dawoe**, Victor Rex Barnes, Finn Plauborg, John Tennyson Afele, Stephen Yaw Opoku, Richard Asante, Jacob Ulzen (2025). Augmentation of mineral fertilizer with organic nutrient sources to improve soil quality and nutrient use efficiency in cocoa landscape in Ghana. *Journal of Plant Nutrition*. https://doi.org/10.1080/01904167.2025.2481132
4. Keessy Maria-Prisca Kouakou, Joss Lyons-White, William J. Thompson, Thomas Addoah, Federico Cammelli, Wilma J. Blaser-Hart, Victoria Maguire-Rajpaul, **Evans Dawoe**, Rachael D. Garrett (2025). Existing Sustainability Interventions are Insufficient to Scale Up Cocoa Agroforestry in West Africa. *Sustainable Development*. https://doi.org/10.1002/sd.70266
5. Ishmael Hashmiu, **Evans Dawoe**, Olivia Agbenyega (2025). Farmers' climate risk perceptions and their influence on cocoa agroforestry adoption in marginal areas of Ghana. *Agroforestry Systems*. https://doi.org/10.1007/s10457-025-01395-2
6. Alexander Becker, Jan D. Wegner, **Evans Dawoe**, Konrad Schindler, William J. Thompson, Christian Bunn, Rachael D. Garrett, Fabio Castro-Llanos, Simon P. Hart, Wilma J. Blaser-Hart (2025). The unrealized potential of agroforestry for an emissions-intensive agricultural commodity. *Nature Sustainability*. https://doi.org/10.1038/s41893-025-01608-7

7. John Tennyson Afele, Olivia Agbenyega, Victor Rex Barnes, Steve Amisah, Finn Plauborg, Søren Marcus Pedersen, Torsten Rødel Berg, Joseph Anokye, Stephen Yaw Opoku, Richard Asante, Eunice Nimo, **Evans Dawoe** (2024). Ghana's Cocoa: Farmers' Perceptions of Climate Change and Its Effect on Yield and Livelihood. *Green and Low-Carbon Economy*. https://doi.org/10.47852/bonviewglce42023218

8. Joseph Anokye, Akwasi Adutwum Abunyewa, Uffe Jørgensen, James Seutra Kaba, Kwame Twum-Ampofo, **Evans Dawoe**, Victor Rex Barnes, Finn Plauborg, Søren Marcus Pedersen, Torsten Rødel Berg, Olivia Agbenyega, Steve Amisah, John Tennyson Afele, Stephen Yaw Opoku, Richard Asante, Jacob Ulzen (2024). Mitigation of greenhouse gas emissions through shade systems and climate-smart soil fertility interventions in cocoa landscapes in the Semi-deciduous ecological zone of Ghana. *Soil Advances*. https://doi.org/10.1016/j.soilad.2024.100001

9. Michael Asigbaase, **Evans Dawoe**, Simon Abugre, Boateng Kyereh, Collins Ayine Nsor (2023). Allometric relationships between stem diameter, height and crown area of associated trees of cocoa agroforests of Ghana. *Scientific Reports*. https://doi.org/10.1038/s41598-023-42219-6

10. Fowzia Adiyah, Ádám Csorba, **Evans Dawoe**, Caleb Melenya Ocansey, Eric Asamoah, Tamás Szegi, Márta Fuchs, Erika Michéli (2023). Soil organic carbon changes under selected agroforestry cocoa systems in Ghana. *Geoderma Regional*. https://doi.org/10.1016/j.geodrs.2023.e00737

11. Ammal Abukari, James Seutra Kaba, **Evans Dawoe**, Akwasi Adutwum Abunyewa (2022). A comprehensive review of the effects of biochar on soil physicochemical properties and crop productivity. *Waste Disposal & Sustainable Energy*. https://doi.org/10.1007/s42768-022-00114-2

12. Kenza Benabderrazik, Laurence Jeangros, Birgit Kopainsky, **Evans Dawoe**, Jonas Joerin, Johan Six (2022). Addressing the resilience of tomato farmers in Ghana facing a double exposure from climate and market. *Ecology and Society*. https://doi.org/10.5751/es-13310-270326

13. Thompson W.J, Blaser-Hart W.J, Joerin J, Krütli P, **Dawoe E**, Kopainsky B, Chavez E., Garrett R.D, Six J (2022). Can sustainability certification enhance the climate resilience of smallholder farmers? The case of Ghanaian cocoa. *Journal of Land Use Science*. https://doi.org/10.1080/1747423x.2022.2097455

14. Ishmael Hashmiu, Olivia Agbenyega, **Evans Dawoe** (2022). Cash crops and food security: evidence from smallholder cocoa and cashew farmers in Ghana. *Agriculture & Food Security*. https://doi.org/10.1186/s40066-022-00355-8

15. Ishmael Hashmiu, Olivia Agbenyega, **Evans Dawoe** (2022). Determinants of crop choice decisions under risk: A case study on the revival of cocoa farming in the Forest-Savannah transition zone of Ghana. *Land Use Policy*. https://doi.org/10.1016/j.landusepol.2021.105958

16. Fowzia Adiyah, Erika Michéli, Adam Csorba, Tsedekech Gebremeskel Weldmichael, Csaba Gyuricza, Caleb Melenya Ocansey, **Evans Dawoe**, Stephen Owusu, Marta Fuchs (2022). Effects of landuse change and topography on the quantity and distribution of soil organic carbon stocks on Acrisol catenas in tropical small-scale shade cocoa systems of the Ashanti region of Ghana. *CATENA*. https://doi.org/10.1016/j.catena.2022.106366

17. Stephen Edem Akpalu, Luke Anglaaere, Lawrence Damnyag, **Evans Kwasi Dawoe**, Akwasi Adutwum Abunyewa, Mercy Marilyn Akpalu (2022). Floristic composition of agroforestry parklands in the semi-arid zone of Ghana: A special focus on Faidherbia albida (Delile) A. Chev. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2022.100310

18. **ELK Dawoe** (2022). Rosewood (Pterocarpus erinaceus) as a de facto forest common for local communities in Ghana. *International Journal of Biodiversity and Conservation*. https://academicjournals.org/journal/IJBC/article-full-text/40F9CEC68434

19. Eunice Nimo, **Evans Dawoe**, John Tennyson Afele (2021). A Comparative Study of Carbon Storage in Two Cocoa (Theobroma cacao) Shade-Types and a Teak Plantation in the Moist Semi-deciduous Forest Zone of Ghana. *Pelita Perkebunan (a Coffee and Cocoa Research Journal)*. https://doi.org/10.22302/iccri.jur.pelitaperkebunan.v37i1.448

20. Luzian Messmer, Braida Thom, Pius Kruetli, **Evans Dawoe**, Kebebew Assefa, Johan Six, Jonas Joerin (2021). Beyond feasibility—the role of motivation to implement measures to enhance resilience. *Mitigation and Adaptation Strategies for Global Change*. https://doi.org/10.1007/s11027-021-09952-7

21. John Tennyson Afele, **Evans Dawoe**, Akwasi Adutwum Abunyewa, Victor Afari-Sefa, Richard Asare (2021). Carbon storage in cocoa growing systems across different agroecological zones in Ghana. *Pelita Perkebunan (a Coffee and Cocoa Research Journal)*. https://doi.org/10.22302/iccri.jur.pelitaperkebunan.v37i1.395

22. Adiyah F., Fuchs M., Michéli E., **Dawoe E.**, Kovács (2021). Cocoa farmers perceptions of soil organic carbon effects on fertility, management and climate change in the Ashanti region of Ghana. *African Journal of Agricultural Research*. https://doi.org/10.5897/ajar2020.15320

23. Marney E. Isaac, Hanson Nyantakyi-Frimpong, Petr Matouš, **Evans Dawoe**, Luke C. N. Anglaaere (2021). Farmer networks and agrobiodiversity interventions: the unintended outcomes of intended change. *Ecology and Society*. https://doi.org/10.5751/es-12734-260412

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31. Eunice Badu, James S. Kaba, Akwasi A. Abunyewa, **Evans K. Dawoe**, O. Agbenyega, Rex V. Barnes (2019). Biochar and inorganic nitrogen fertilizer effects on maize (Zea mays L.) nitrogen use and yield in moist semi-deciduous forest zone of Ghana. *Journal of Plant Nutrition*. https://doi.org/10.1080/01904167.2019.1659347

32. Stephen Edem Akpalu, **Evans Lawrence Dawoe**, Akwasi Adutwum Abunyewa (2019). Effects of Boiled Water Pre-Sowing Treatment on the Germination and Early Growth Performance of Faidherbia albida in Three Ecological Zones of Ghana. *Asian Journal of Research in Agriculture and Forestry*. https://doi.org/10.9734/ajraf/2019/v4i330065

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37. **E Dawoe** (2016). Assessing the resilience of the cocoa value chain in Ghana. *Case study report*. https://www.researchgate.net/profile/Evans-Dawoe/publication/309733989_Assessing_the_Resilience_of_the_Cocoa_Value_Chain_in_Ghana/links/5820977808aeccc08af6541c/Assessing-the-Resilience-of-the-Cocoa-Value-Chain-in-Ghana.pdf

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Reports 3

1. Limweta, Lubasi, Ruggeri, Michael, Hending, Daniel, **Dawoe, Evans**, Anokye, Joseph, Aguirre-Gutiérrez, Jesús, Seddon, Nathalie, Thompson, William (2026). What are the effects of shade tree species traits and shade tree diversity on soil nutrients in cocoa agroforestry systems? A systematic review and meta-analysis. *Proceed*. https://doi.org/10.57808/proceed.2026.13

2. **Evans Dawoe** (2018). Resilience of the Tef Value Chain in Ethiopia–Final report. *ETH Zurich*. https://boris-

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